

ABSTRACT OF THE DISCLOSURE

A dual conveyor jet impingement oven having a blower box with at least one air inlet opening and at least two air outlet openings and a heating space adjacent to and in fluid communication with the blower box. Disposed within the heating space are two spaced apart pairs of spaced apart heated air distribution plenums, which form a central return air conduit therebetween. The central return air conduit has a return air outlet end in fluid communication with the blower box and the spaced apart heated air distribution plenums have a heated air inlet opening in fluid communication with the at least two air outlet openings. A horizontal heating surface is disposed between each pair of spaced apart heated air distribution plenums, each of which has a perforated heated air distribution plate facing the horizontal heating surface.